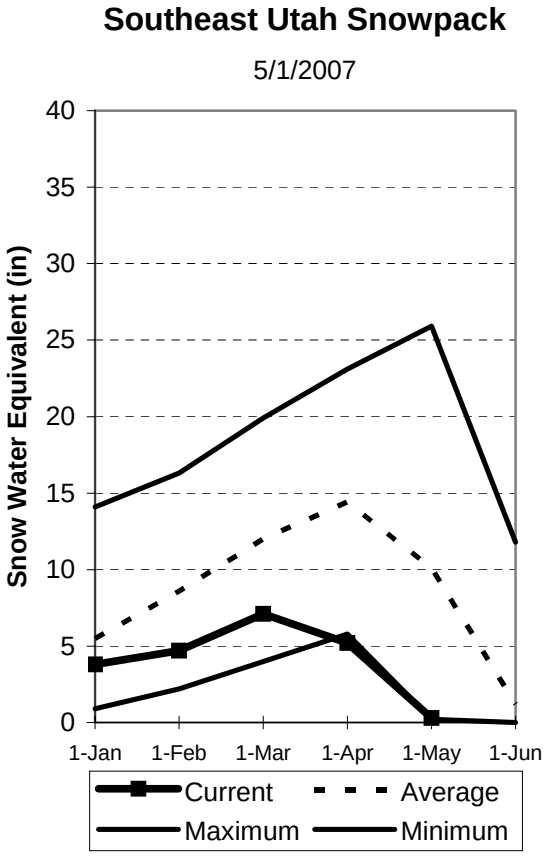
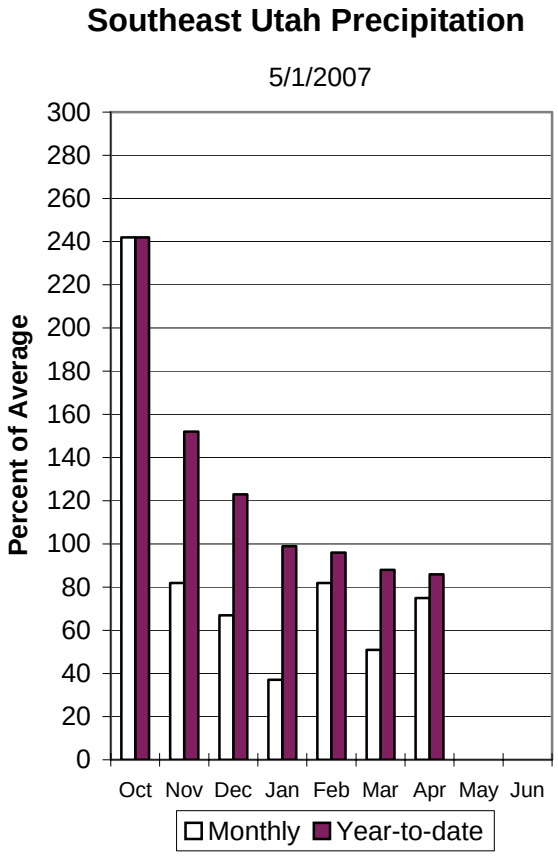
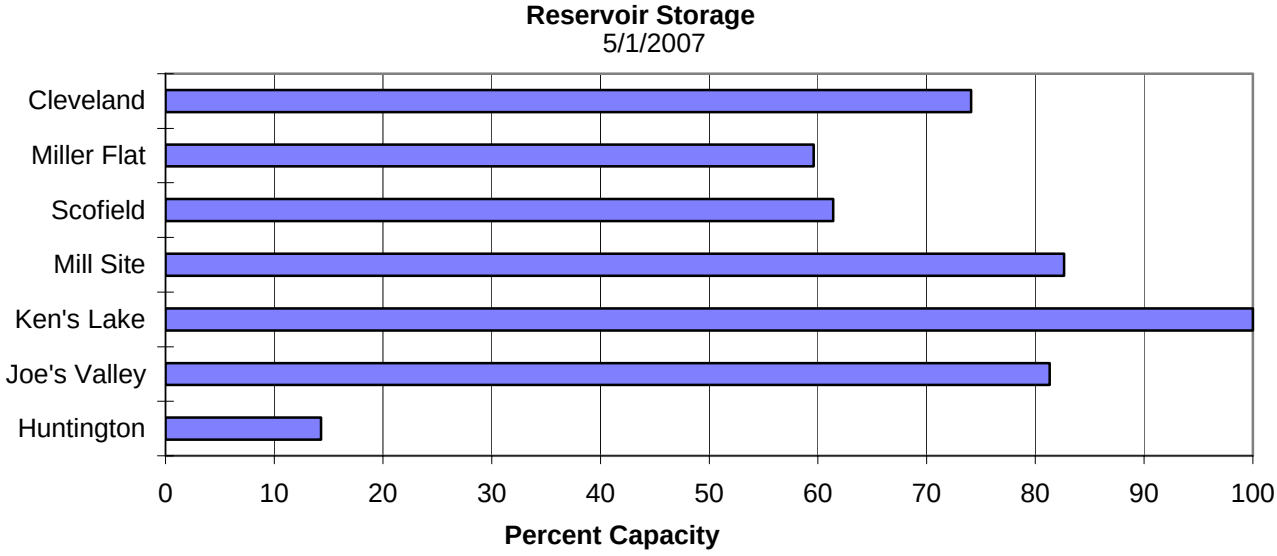
Carbon, Emery, Wayne, Grand and San Juan Co.
May 1, 2007

Snowpacks in this region are much below normal at 3% of average, about 3% of last year. Individual sites range from 0% to 52% of average. This is the worst May 1st snowpack for this region since 1977. Precipitation during April was below average at 75%, bringing the seasonal accumulation (Oct-Apr) to 86% of normal. Soil moisture estimates in runoff producing areas are at 74% of saturation in the upper 2 feet of soil compared to 77% last year and up 1% from last month. Forecast streamflows range from 1% to 68% of average with the lowest flows predicted in the Abajo Mountains. Reservoir storage is at 71% of capacity, up 16% from last year at this time. Surface Water Supply Indices for the area are: Price 20%, San Rafael area 7% and Moab 18%. General runoff and water supply conditions are much below normal.







CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.
Streamflow Forecasts - May 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
Gooseberry Creek nr Scofield	APR-JUL	2.9	3.8	4.5	38	5.3	6.5	11.9
	MAY-JUL	2.2	3.1	3.8	35	4.6	5.8	10.8
Price River near Scofield Reservoir	APR-JUL	-2.5	8.4	15.9	35	23	34	45
	MAY-JUL	-5.4	5.5	13.0	33	20	31	40
White River blw Tabbyune Creek	APR-JUL	1.9	2.6	3.2	19	4.0	5.4	17.3
	MAY-JUL	0.3	1.0	1.6	12	2.4	3.8	13.6
Green River at Green River, UT (2)	APR-JUL	960	1220	1410	45	1590	1860	3170
	MAY-JUL	608	877	1060	39	1243	1512	2740
Huntington Ck Inflow to Electric Lk	APR-JUL	3.6	4.6	5.3	34	6.1	7.5	15.7
	MAY-JUL	2.3	3.3	4.0	29	4.8	6.2	14.0
Huntington Ck nr Huntington	APR-JUL	5.9	8.2	13.7	28	21	33	49
	MAY-JUL	2.2	4.5	10.0	22	17.6	29	45
Joe's Valley Resv Inflow	APR-JUL	15.0	21	25	43	30	38	58
	MAY-JUL	11.9	17.6	22	42	27	35	53
Ferron Ck (Upper Station) nr Ferron	APR-JUL	11.5	14.0	15.8	41	17.8	21	39
	MAY-JUL	7.7	10.2	12.0	33	14.0	17.2	36
Colorado River Near Cisco (2)	APR-JUL	2030	2700	3150	68	3600	4320	4650
	MAY-JUL	1470	2140	2590	64	3040	3760	4080
Mill Creek at Sheley Tunnel nr Moab	APR-JUL	1.5	1.8	2.0	40	2.2	2.6	5.0
	MAY-JUL	1.0	1.3	1.6	36	1.8	2.2	4.3
Seven Mile Ck nr Fish Lake	APR-JUL	2.5	3.0	3.5	50	4.0	4.8	7.0
	MAY-JUL	1.5	2.0	2.5	41	3.0	3.8	6.1
Muddy Creek nr Emery	APR-JUL	6.2	7.8	9.1	46	10.5	12.7	19.9
	MAY-JUL	4.1	5.7	7.0	39	8.4	10.6	18.0
North Ck ab R.S. nr Monticello	MAR-JUL	0.0	0.0	0.0	1	0.0	0.1	0.8
	MAY-JUL	0.0	0.0	0.0	2	0.0	0.1	0.6
South Ck ab Lloyd's Res nr Monticell	MAR-JUL	0.0	0.0	0.1	4	0.1	0.2	1.4
	MAY-JUL	0.0	0.0	0.0	3	0.1	0.1	1.0
Recapture Ck Bl Johnson Ck nr Blandi	MAR-JUL	0.0	0.0	0.1	2	0.2	0.6	5.0
	MAY-JUL	0.0	0.0	0.0	1	0.1	0.3	2.9
San Juan River near Bluff (2)	APR-JUL	375	570	700	57	835	1030	1230
	MAY-JUL	210	410	540	55	670	870	975

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
HUNTINGTON NORTH	4.2	0.6	4.2	4.1
JOE'S VALLEY	61.6	50.1	42.4	41.9
KEN'S LAKE	2.3	2.3	2.3	1.6
MILL SITE	16.7	13.8	8.8	99.7
SCOFIELD	65.8	40.4	25.8	37.4

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.
Watershed Snowpack Analysis - May 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
PRICE RIVER	3	8	12
SAN RAFAEL RIVER	6	14	20
MUDDY CREEK	1	0	0
FREMONT RIVER	5	11	3
LASAL MOUNTAINS	2	0	0
BLUE MOUNTAINS	2	0	0
WILLOW CREEK - WHITE RIVE	1	0	0
CARBON, EMERY, WAYNE, GRA	20	12	11

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.